

EMPLOYEE TRAINING RECORD		
TRAINING TITLE Welding - Physical Hazards		
<div style="text-align: center; font-weight: bold; margin-bottom: 10px;">KEY TEACHING POINTS</div> <ul style="list-style-type: none"> • Welding operations can be found in almost every type of industry. Welders must be qualified to do the work, and part of their education includes welding safety. The hazards include: <div style="margin-left: 40px;"> Excessive Noise Fire or Excessive Heat Electrical Shock UV Radiation </div> • To protect yourself from excessive noise, you must wear hearing protection. Hearing loss can happen gradually, and very little can be done to restore hearing once it's damaged. If you are concerned about the noise level in a welding area, report your concern. • Fire and excessive heat are hazards with great potential for injury and damage. Combustible and flammable materials must be cleared from the welding area. A spark or a piece of hot slag could easily ignite these materials and cause a tragic fire. To protect yourself from burns from these sparks and pieces of slag, wear appropriate Personal Protective Equipment (PPE) such as aprons, gloves, and leggings. • As with any task involving energized equipment, welding also presents an electrical shock hazard. Thoroughly inspect your welding equipment before you use it. Be alert for loose connections and damaged components. Make sure electrical equipment is grounded properly each time it is used. • Ultraviolet radiation can cause burns to the skin and eyes. Welding hoods and special welding goggles with UV filter lenses and side shields are designed to protect your eyes and face from UV exposure. Appropriate gloves and aprons must be used to protect exposed skin. Welding curtains may be used for the same purpose to protect others in the vicinity of the welding area • You can protect yourself from the physical hazards of welding. Follow the policies for using PPE to prevent hearing loss and burns, and follow them consistently. Correct any situations which pose a fire or electrical shock hazard. If you do have a safety concern about welding hazards, don't let it become an accident waiting to happen--report it to your supervisor or safety coordinator. 		
TEST		
QUESTION	ANSWERS	
	TRUE	FALSE
1 The hazards of welding are heat, shock, noise and radiation.		
2 If you do have a safety concern about welding hazards, don't let it become an accident waiting to happen--report it to your supervisor or safety coordinator.		
3 Appropriate gloves and aprons must be used to protect exposed skin.		
4 Make sure electrical equipment is grounded properly each time it is used.		
5 A spark or a piece of hot slag could easily ignite these materials and cause a tragic fire.		
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE